

Dr. Duke's Phytochemical and Ethnobotanical Database

List of Plants for ASPARAGINE

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Achillea millefolium</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Alisma plantago-aquatica</i>	Plant	--	--		--
<i>Allium ampeloprasum</i>	Plant	--	--		--
<i>Allium cepa</i>	Bulb	--	--		--
<i>Allium sativum</i> var. <i>sativum</i>	Bulb	0	29000		--
<i>Alocasia macrorrhiza</i>	Plant	--	--		--
<i>Aloe vera</i>	Leaf	--	--		Waller, G. R., Mangiafico, S., Ritchey, C. R. 1978. A Chemical Investigation of <i>Aloe barbadensis</i> . Proc. Okla. Acad. Sci. 58: 69-.
<i>Althaea officinalis</i>	Root	10000	20000	-1.2247448713915892	--
<i>Ananas comosus</i>	Fruit	1251	1251	-0.05455471931954438	--
<i>Angelica archangelica</i>	Leaf	--	--		--
<i>Annona squamosa</i>	Plant	--	--		--
<i>Apium graveolens</i>	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Armoracia rusticana</i>	Root	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Artemisia dracunculus</i>	Leaf	--	--		--
<i>Artemisia dracunculus</i>	Root	--	--		--
<i>Asparagus lucidus</i>	Root	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Asparagus officinalis</i>	Shoot	--	--		--
<i>Astragalus membranaceus</i>	Root	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Atropa bella-donna</i>	Root	--	--		--
<i>Camellia sinensis</i>	Plant	--	--		--
<i>Capsicum annuum</i>	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Capsicum frutescens</i>	Fruit	--	--		--
<i>Citrus paradisi</i>	Fruit	420	420	-0.6477225740518642	--
<i>Citrus reticulata</i>	Fruit	180	850	-0.3407885457306878	--
<i>Citrus sinensis</i>	Fruit	200	1800	0.3373215168393527	--
<i>Coccinia grandis</i>	Flower	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Coffea arabica</i>	Seed	--	--		--
<i>Convallaria majalis</i>	Plant	--	--		--
<i>Euonymus atropurpureus</i>	Bark	--	--		--
<i>Fragaria spp</i>	Plant	--	--		--
<i>Ginkgo biloba</i>	Fruit	--	--		Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Glycyrrhiza glabra</i>	Root	20000	40000	1.2247448713915892	=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Humulus lupulus</i>	Fruit	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Huperzia spp</i>	Plant	--	--		--
<i>Lippia javanica</i>	Plant	--	--		Neidlein, R., Staehle, R. 1974. Constituents of <i>Lippia javanica</i> . III. Deutsche Apot. Zitt., 114: 1588.
<i>Lupinus albus</i>	Seed	116340	116340	1	--
<i>Lycium chinense</i>	Leaf	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Lycopersicon esculentum</i>	Fruit	300	300	-0.7333785819554481	--
<i>Malus domestica</i>	Fruit	171	171	-0.825458790451801	--
<i>Medicago sativa</i>	Seed	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Momordica charantia</i>	Seed	--	--		Jim Duke's personal files.
<i>Murraya koenigii</i>	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Nelumbo nucifera</i>	Rhizome	20000	20000	1.413855910886902	--
<i>Nicotiana tabacum</i>	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Nigella sativa</i>	Seed	--	0	-1	--
<i>Oryza sativa</i>	Juice	--	--		--
<i>Panax quinquefolius</i>	Plant	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Phaseolus vulgaris</i>	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Phaseolus vulgaris</i>	Leaf	--	--		--
<i>Phoenix dactylifera</i>	Fruit	2300	4500	2.264581694669994	Abstract (See species file)
<i>Phragmites australis</i>	Rhizome	--	1000	-0.6793853078287713	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Piper betel</i>	Leaf	--	--		--
<i>Prunus cerasus</i>	Fruit	--	--		--
<i>Ribes nigrum</i>	Fruit Juice	87	87		--
<i>Robinia pseudoacacia</i>	Leaf	--	--		--
<i>Salvia officinalis</i>	Plant	--	--		--
<i>Santalum album</i>	Fruit	--	--		--
<i>Symphytum officinale</i>	Root	10000	30000	0	--
<i>Terminalia chebula</i>	Fruit	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Tilia</i> sp.	Fruit	--	--		--
<i>Urtica dioica</i>	Plant	--	--		--
<i>Valeriana officinalis</i>	Rhizome	--	--		--
<i>Vicia faba</i>	Leaf	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Vigna mungo</i>	Seed	--	--		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Vigna radiata</i>	Seed	--	--		ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Viscum album</i>	Juice	--	--		--
<i>Zingiber officinale</i>	Rhizome	500	500	-0.734470603058131	--